

REMARKS

First Applicants thank the Examiner for discussing this case with Applicant's representatives. See enclosed Statement of Substance of Interview.

Claims 1, 3-6, and 8-11 are all the claims pending in the present application. Claims 1, 3-6, and 8-11 are rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite. Claims 1, 6 and 11 are rejected over Kempf (U.S. Patent Appln. Pub. No. 2003/0211842), which was previously applied to support the rejections of claims 1, 6, and 11. Claims 3-5 and 8-10 are rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Kempf in view of new applied reference Chen (U.S. Patent No. 6,829,483).

§112, second paragraph, Rejections - Claims 1, 3-5, 6 and 8-11

Applicants submit that the claims satisfy 35 U.S.C. § 112, second paragraph. For example, if a claim recites that an element performs an operation when a particular condition exists, the claim does not also have to recite what a particular element does if the particular condition does not exist, for a claim to be considered definite.

§102(e) Rejection (Kempf) - Claims 1, 6 and 11

Claims 1, 6, and 11 are rejected based on reasons similar to those set forth in the previous Office Action and the Examiner adds more comments in the *Response to Arguments* section of the present Office Action.

With respect to independent claim 1, Applicants maintain the previously submitted arguments and also submit that Kempf does not disclose or suggest at least, "wherein if the packet received from the first interface is a binding update packet encoded using the authentication key generated by the mobile node according to the authentication key generation token, the packet monitoring unit outputs the binding update packet to the controller," (emphasis added) as recited in claim 1. The Examiner cites numbered paragraphs 18-21, 53 and 112 of

Kempf as allegedly satisfying the above quoted feature of claim 1. Although Kempf does disclose that a mobile node uses addressed based keys to establish a security association, nowhere does Kempf disclose or suggest that a binding update packet is encoded using an authentication key generated by a mobile node. There is no discussion that the authentication key is generated by a mobile node in Kempf. Therefore, since this particular feature is not satisfied by Kempf, Applicants submit that Kempf does not anticipate claim 1.

Applicants submit that independent claims 6 and 11 are patentable at least based on reasons similar to those set forth above with respect to claim 1.

§103(a) Rejections (Kempf/Chen) - Claims 3-5 and 8-10

First, Applicants submit that dependent claims 3-5 and 8-10 are patentable at least by virtue of their respective dependencies from independent claim 1 and 6, respectively.

Further, with respect to dependent claims 4 and 9, Applicants submit that the applied references, either alone or in combination, do not disclose or suggest at least, "wherein the controller controls the packet converter, so that the packet converter passes the packet without converting the source address included in the packet, only if the binding information does not exist in the data storage unit," as recited in amended claim 4 and similarly recited in claim 9. That is, nowhere do the applied references disclose that a packet converter passes a packet without converting the sources, only if the binding information does not exist in the data storage unit.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

AMENDMENT UNDER 37 C.F.R. § 1.111
Application No.: 10/705,947

Attorney Docket No.: Q77842

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

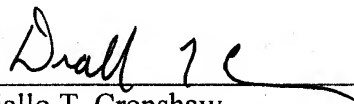
Respectfully submitted,

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER


Diallo T. Crenshaw
Registration No. 52,778

Date: October 17, 2007